

the axial direction of the needle, a middle part forming a maximum diameter and two side parts forming a diameter smaller than the middle part,

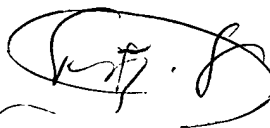
a hollow needle-housing member having left and right outer faces,

a pair of flexible wings projectingly formed on the left and right outer faces of the hollow needle-housing member, and

a guide tube joined to the hub, and

wherein the lumen of the needle-housing member comprises at least two enlargement-constriction units alternately forming an increased diameter part and a reduced diameter part.

2. (Previously Presented) The winged injection needle according to Claim 1 wherein the cross section of the hub in the axial direction of the needle is substantially elliptical.
3. (Previously Presented) The winged injection needle according to Claim 1 wherein the needle-housing member has three reduced diameter parts and two increased diameter parts.
4. (Currently Amended) The winged injection needle according to Claim 3 wherein the inner diameter of the reduced diameter part in the middle is smaller than the maximum minor diameter of the elliptical cross section of the hub.
5. (Previously Presented) The winged injection needle according to Claim 3 wherein the inner diameter of the reduced diameter part in the middle is larger than the inner diameter of the reduced diameter part on the forward end side.
6. (Previously Presented) The winged injection needle according to Claim 3 wherein the inner diameter of the reduced diameter part in the middle is larger than either of the inner diameters of the reduced diameter part on the forward end side and the reduced diameter part on the base end side.



7. (Previously Presented) The winged injection needle according to Claim 3 wherein the inner diameter of the reduced diameter part on the base end side is smaller than that of the reduced diameter part in the middle and is larger than that of the reduced diameter part on the forward end side.

8. (Previously Presented) The winged injection needle according to Claim 1 wherein, among the two increased diameter parts, the maximum inner diameter of the increased diameter part on the forward end side is smaller than the maximum inner diameter of the increased diameter part on the base end side.

9. (Previously Presented) The winged injection needle according to Claim 1 wherein the wings are formed on the outer face of the increased diameter part on the forward end side.

10. (Previously Presented) The winged injection needle according to Claim 3 wherein said hollow-needle housing member further includes a non-return means formed in the middle reduced diameter part.

11. (Previously Presented) A winged injection needle comprising:

a needle tube for puncturing having a lumen, a base end, a terminus, a base end side and a forward end side opposite said base end side,

a hub for retaining the base end of the needle tube,

a hollow needle-housing member having left and right outer faces,

a pair of flexible wings projectingly formed on the left and right outer faces of the hollow needle-housing member, and

a guide tube joined to the hub, and

wherein the hollow needle-housing member includes at least two expanded parts spaced via a reduced diameter part, the expanded parts being expanded radially outward and allowing at

least one part of the upper part of the hub to be housed therein.

12. (Previously Presented) The winged injection needle according to Claim 11 wherein the shape of the reduced diameter part within the lumen of the hollow needle-housing member and the shape of the hub are shapes that allow the hub to be displaced by sliding within the lumen of the hollow needle-housing member.

13. (Previously Presented) The winged injection needle according to Claim 11 wherein the hollow needle-housing member is formed from a flexible material.

14. (Previously Presented) The winged injection needle according to Claim 11 wherein the hub is formed so as to have an arced curved shape including an upper part in the axial direction, wherein said upper part is formed from a middle part forming a maximum diameter in the axial direction and two side parts forming diameters gradually reduce from the maximum diameter.

15. (Previously Presented) The winged injection needle according to Claim 11 having a structure wherein housing the middle part of the hub in the expanded part requires a greater force to move the position of the hub than housing the middle part of the hub in the reduced diameter part.

16. (Previously Presented) The winged injection needle according to Claim 11 wherein both side faces of the hub have a straight shape.

17. (Previously Presented) The winged injection needle according to Claim 11 wherein two of the expanded parts are provided in the vicinity of the forward end side and in the vicinity of the terminus of the hollow needle-housing member.

18. (Previously Presented) The winged injection needle according to Claim 11 wherein the expanded parts have a shape housing substantially the entire upper part of the hub.

19. (Previously Presented) The winged injection needle according to Claim 1 wherein the pair

of flexible wings and the needle-housing member are formed by molding as one piece using a flexible resin.

20. (Previously Presented) The winged injection needle according to Claim 1 wherein the pair of flexible wings are upwardly foldable and have a flexibility and a length sufficient to cover the needle-housing member, and have an immovable attachment member allowing the wings to be immovably attached to each other after covering the needle-housing member.

21. (Previously Presented) The winged injection needle according to Claim 1 wherein the rear end of the needle-housing member further includes a liquid drip prevention mechanism.

23. (Previously Presented) The winged injection needle according to Claim 21 wherein the liquid drip prevention mechanism is a member separately provided on the rear end of the needle-housing member and capable of clamping the guide tube.

25. (Previously Presented) The winged injection needle according to Claim 24 wherein the member capable of clamping the guide tube is on the side of the rear end of the needle-housing member, and the opening opens toward the forward end of the needle-housing member.

26. (Previously Presented) The winged injection needle according to Claim 1 wherein the guide tube has a liquid drip prevention mechanism.

27. (Previously Presented) The winged injection needle according to Claim 11 wherein the hub has on both sides members for preventing the hub from rocking within the lumen of the needle-housing member.

28. (Previously Presented) The winged injection needle according to Claim 1 wherein the needle-housing member further includes on the outer face a finger/thumb hold.

29. (Previously Presented) The winged injection needle according to Claim 11 wherein the pair of flexible wings and the needle-housing member are formed by molding as one piece using a

flexible resin.

30. (Previously Presented) The winged injection needle according to Claim 1 wherein the rear end of the needle-housing member further includes a liquid drip prevention mechanism.